

VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

10 CFR 50.54(f)

November 16, 2004

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

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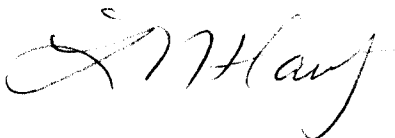
**VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)**  
**NORTH ANNA POWER STATION UNIT 1**  
**RESULTS OF INSPECTION OF ALLOY 82/182/600 MATERIALS USED IN**  
**PRESSURIZER PENETRATIONS AND STEAM SPACE PIPING CONNECTIONS**  
**PERFORMED FOR NRC BULLETIN 2004-01**

In a letter dated May 28, 2004 the NRC issued NRC Bulletin 2004-01, "Inspection of Alloy 82/182/600 Materials Used in the Fabrication of Pressurizer Penetrations and Steam Space Piping Connections at Pressurized-Water Reactors (PWRs). The bulletin requested inspection of the Alloy 82/182/600 materials used in the pressurizer penetrations and steam space piping connections. It also requested a 60-day report regarding the inspections performed, including the as-found condition of the pressurizer shell and associated penetrations

During the Fall 2004 refueling outage for North Anna Unit 1, Dominion performed 100% bare metal visual examination of the five welds connecting the pressurizer spray valve, the safety valves, and the power operated relief valve nozzles to the downstream piping. No indications of leakage or cracking were found. In addition, best-effort ultrasonic examinations were performed to the extent possible given certain geometric limitations. The aggregate coverage was about 40-60%. However, coverage from scans that would have detected axial flaws in the weld was essentially 100%. No flaws were identified. Note that these examinations were not the Code required examinations. The Code examinations are not scheduled until later in the third Interval.

Should you have any questions regarding Dominion's response to the bulletin, please contact Mr. Thomas Shaub at (804) 273-2763.

Very truly yours,



Leslie N. Hartz  
Vice President – Nuclear Engineering

Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission  
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North Anna Power Station Unit 1  
Results of Inspection of Alloy 82/182/600 Materials Used In Pressurizer Penetrations  
And Steam Space Piping Connections Performed For NRC Bulletin 2004-01

COMMONWEALTH OF VIRGINIA     )  
  )  
COUNTY OF HENRICO            )

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Leslie N. Hartz, who is Vice President - Nuclear Engineering of Virginia Electric & Power Company. She has affirmed before me that she is duly authorized to execute and file the foregoing document in behalf of those companies, and that the statements in the document are true to the best of her knowledge and belief.

Acknowledged before me this 16<sup>TH</sup> day of November, 2004.

My Commission Expires: May 31, 2006.

Vicki L. Hull  
Notary Public

(SEAL)